

Benzodiazepines Confirmation, Random, Urine

Test ID: BNZU

Useful for:

Detecting drug use involving benzodiazepines such as alprazolam, chlordiazepoxide, clonazepam, diazepam, midazolam, oxazepam, temazepam, clobazam, flunitrazepam, flurazepam, lorazepam, prazepam, triazolam, and zolpidem.

Methods:

Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Reference Values:

Negative

Cutoff concentrations:

Alprazolam by LC-MS/MS: 10 ng/mL
Alpha-Hydroxyalprazolam by LC-MS/MS: 10 ng/mL
Chlordiazepoxide by LC-MS/MS: 10 ng/mL
Clonazepam by LC-MS/MS: 10 ng/mL
7-Aminoclonazepam by LC-MS/MS: 10 ng/mL
Diazepam by LC-MS/MS: 10 ng/mL
Nordiazepam by LC-MS/MS: 10 ng/mL
Midazolam by LC-MS/MS: 10 ng/mL
Alpha-Hydroxy Midazolam by LC-MS/MS: 10 ng/mL
Oxazepam by LC-MS/MS: 10 ng/mL
Temazepam by LC-MS/MS: 10 ng/mL
Clobazam by LC-MS/MS: 10 ng/mL
N-Desmethyloclobazam by LC-MS/MS: 10 ng/mL
Flunitrazepam by LC-MS/MS: 10 ng/mL
7-Aminoflunitrazepam by LC-MS/MS: 10 ng/mL
Flurazepam by LC-MS/MS: 10 ng/mL
2-Hydroxy Ethyl Flurazepam by LC-MS/MS: 10 ng/mL
Lorazepam by LC-MS/MS: 10 ng/mL
Prazepam by LC-MS/MS: 10 ng/mL
Triazolam by LC-MS/MS: 10 ng/mL
Alpha-Hydroxy Triazolam by LC-MS/MS: 10 ng/mL
Zolpidem by LC-MS/MS: 10 ng/mL
Zolpidem Phenyl-4-Carboxylic acid by LC-MS/MS: 10 ng/mL

Specimen Requirements:**Supplies:** Urine Tube, 10 mL (T068)**Container/Tube:** Plastic, 10-mL urine tube**Specimen Volume:** 10 mL**Specimen Minimum volume:** 5 mL**Collection Instructions:**

1. Collect a random urine specimen.
2. No preservative.

Additional Information:

1. No specimen substitutions.
2. No STATS are accepted for this procedure.

Note:

1. For situations where chain of custody is required, a Chain-of-Custody Kit (T282) is available. For chain-of-custody testing, order BNZX / Benzodiazepines Confirmation, Chain of Custody, Random, Urine.
2. If urine creatinine is required or adulteration of the sample is suspected, order ADULT / Adulterants Survey, Random, Urine.

Specimen Stability Information:

Specimen Type	Temperature	Time
Urine	Refrigerated (preferred)	7 days
	Frozen	14 days

CPT Code:

80347

G0480 (if appropriate)

Day(s) Setup: Tuesday through Saturday**Analytic Time:** 2 days**Questions**

Contact Brandon DeBoom, Laboratory Technologist Resource Coordinator at 800-533-1710.